Deployed Theater Accountability Software

Introduction to Concept, Design, and Implementation

As of 15 APR 04

MISSION, OBJECTIVES, TENETS FOR THEATER ACCOUNTABILITY

- **MISSION:** Enable deployed commanders at all echelons to account for personnel by name, by unit, by location, by day.
- **OBJECTIVES**:
  - Provide a standard accountability tool and standard procedures
  - Improve accountability near-term with focus on OIF/OEF
  - Provide corporate database for DA/DOD inquiry
- **FUNCTIONAL TENETS**:
  - Manifests provide in-transit visibility
  - Give daily accountability back to the 1SG
  - Synchronize information from bottom to top
  - Track personnel deployment history
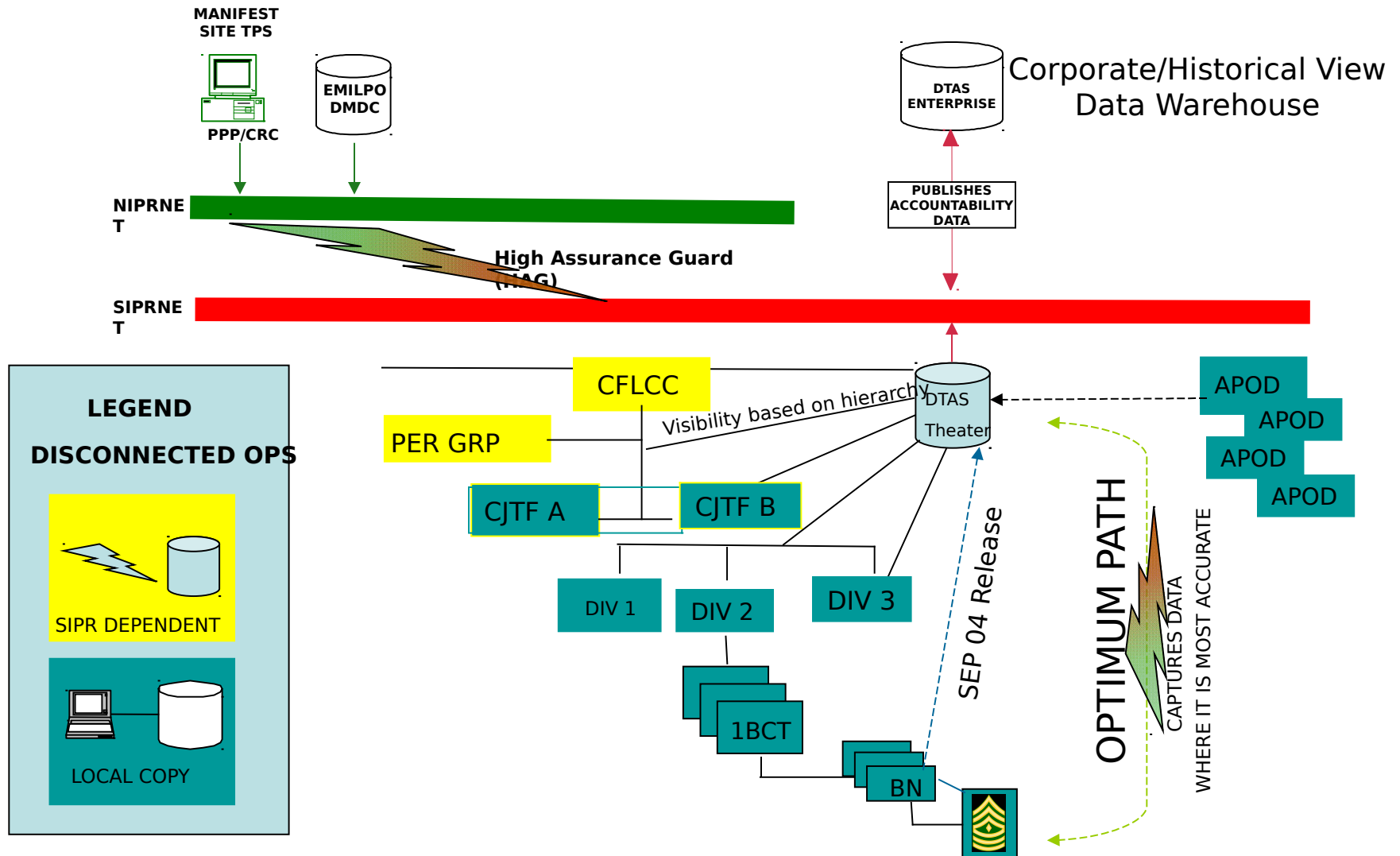 - Provide disconnected operations capability

METHODOLOGY FOR DEVELOPING ALTERNATIVES

- **TAG SENIOR LEADER NOTE**

- **EXAMINATION OF AARs/LESSONS LEARNED**

- **EXAMINATION OF CURRENTLY DEPLOYED SYSTEMS** (BOSNIA, OIF, KOREA, VCORPS, OEF, DCAPES)

- **TDY** KUWAIT/IRAQ/AFGHANISTAN, GERMANY/KOSOVO, III CORPS FORT HOOD, 1ST SF GRP FORT LEWIS, KOREA

- **AARs/TRIP REPORTS**

- **BRAINSTORMING TECHNICAL/FUNCTIONAL SOLUTIONS**

- **COLLABORATIVE WORKING GROUP** WITH HRC/G1/G3/G6/SSI TO CAPTURE CURRENT INTIATIVES
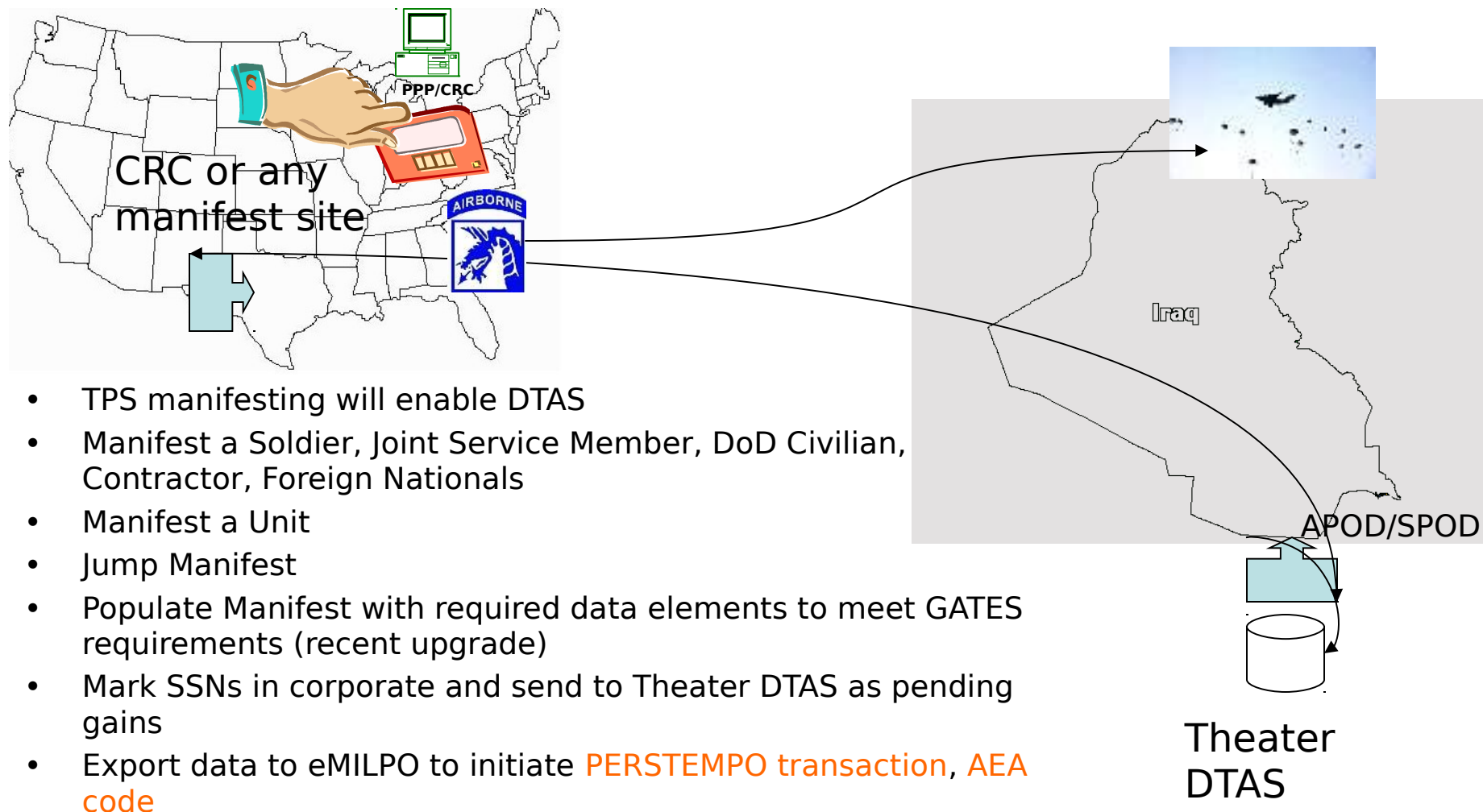
- **1SG TOOL SURVEY TO DEPLOYED THEATERS**

CONCEPT

- "Accountability is commander's business"
- Focus on PERSONNEL ACCOUNTING BY NAME, LOCATION, UNIT and DAY
- Tap 1SG/Co Cdrs accountability knowledge to accurately capture data by NAME, LOCATION, and DAY. Make it simple; not more work - just a different reporting vehicle
- SIPRNET
- Theater DTAS built primarily from three sources of data: eMILPO/DMDC, APOD, and daily reporting from grassroots-level leaders
- Real Time Asset Visibility vs. Sequential Reporting
- Single Database
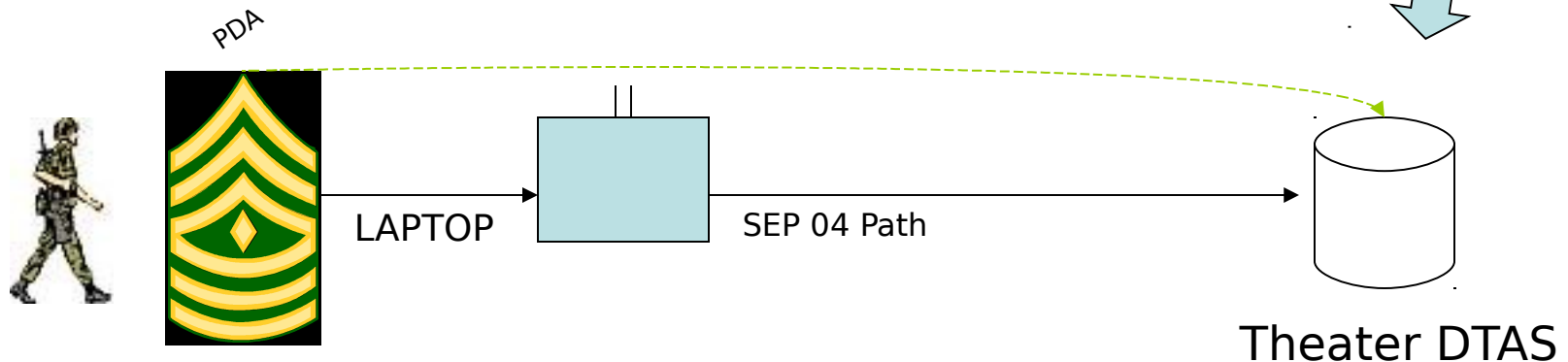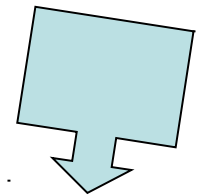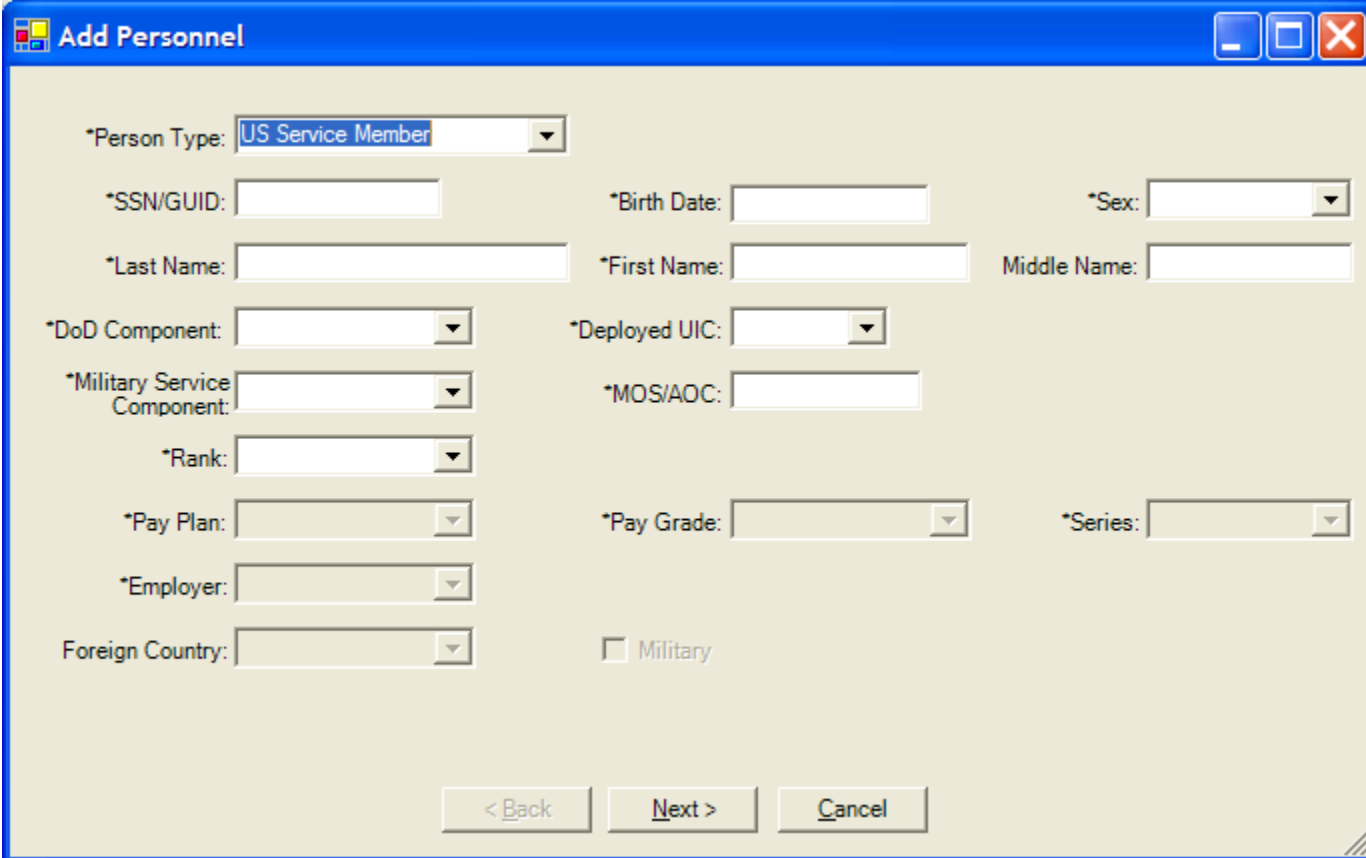- Databus (Publish and Subscribe)

DTAS DATA FLOW

MANIFEST SITE TPS

PPP/CRC

EMILPO DMDC

NIPRNET

High Assurance Guard (HAG)

SIPRNET

DTAS ENTERPRISE

Corporate/Historical View Data Warehouse

PUBLISHES ACCOUNTABILITY DATA

CFLCC

PER GRP

Visibility based on hierarchy

DTAS Theater

APOD
APOD
APOD
APOD

CJTF A

CJTF B

DIV 1

DIV 2

DIV 3

1BCT

BN

SEP 04 Release

OPTIMUM PATH

CAPTURES DATA

WHERE IT IS MOST ACCURATE

LEGEND
DISCONNECTED OPS

SIPR DEPENDENT

LOCAL COPY

MANIFESTING

CRC or any manifest site

PPP/CRC

AIRBORNE

Iraq

APOD/SPOD

Theater DTAS

- TPS manifesting will enable DTAS
- Manifest a Soldier, Joint Service Member, DoD Civilian, Contractor, Foreign Nationals
- Manifest a Unit
- Jump Manifest
- Populate Manifest with required data elements to meet GATES requirements (recent upgrade)
- Mark SSNs in corporate and send to Theater DTAS as pending gains
- Export data to eMILPO to initiate PERSTEMPO transaction, AEA code

PERSONNEL ACCOUNTING

- Swipe at the APOD or 1SG Entry Validates Arrival to Theater
- 1SG Tool Generates a Daily "Morning Report"
- Add a Record (joint service, DoD civilian, contractor, coalition forces, foreign nationals)
- Change Duty Status (PDY, Hosp, R&R Leave, Casualty Categories)
- Change Location (Base Camp/ 6 digit grid)
- Update DTAS Theater

APOD/SPOD Validated Arrival to Theater

PDA

Optimum Path

LAPTOP

SEP 04 Path

Theater DTAS

ADD PERSONNEL SCREEN

1SG TOOL

- Laptop; PDA (future)
- Software that facilitates personnel accountability as well as other critical/essential accountability data (weapons, protective masks, etc)
- AAA 162 Alpha Roster with location added
- Submit changes only

DUTY STATUS AND LOCATION
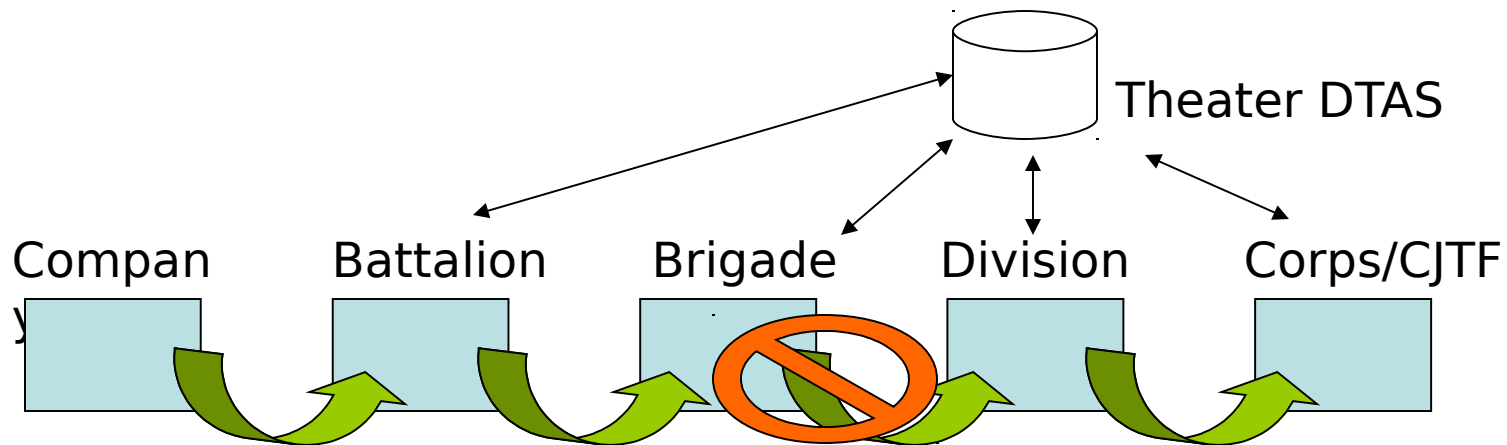
REPORTING

- Establish Hierarchy
- Echelons above company become users of Theater DTAS by-name data to extract strength report numbers
- Generate PERSTAT
- Generate JPERSTAT

Assigned/Available Strengths Reports Based On Location

Theater DTAS

Compan y   Battalion   Brigade   Division   Corps/CJTF

Sequential reporting no longer necessary; closer to real time asset visibility

TASK FORCE FORMULATION

- Create a Task Force; Associate UICs, derivatives, or GUIDs based on   G3 Task Organization
- Provide drag and drop of UICs resembling TPS functionality; start with eMILPO hierarchy and allow tailoring
- Dissolve a Task Force
- Move a Task Force
- Drill down capability

* POST SEP 04 DELIVERY

INTRA/INTERTHEATER TRACKING

- Create an historical account beginning with arrival to theater, daily report archived, and culminating in redeployment
- 1SG daily reports log duty status and location
- Add patient location for Soldiers in patient status/eMILPO Patient Tracking or receive updates from PARRTS (POST SEP 04 DELIVERY)

THEATER DTAS/DTAS ENTERPRISE

- Store Mini-Record

NAME, SSN, RANK, UNIT IDENTIFICATION CODE (UIC), MILITARY OCCUPATIONAL SKILL, ADDITIONAL SKILL IDENTIFIERS, MILITARY POSITION CODE, ETS DATE, GENDER, COMPONENT, SERVICE, DATE OF BIRTH, DATE OF RANK,   HOME OF RECORD, MARITAL STATUS, RELIGIOUS PREFERENCE, BLOOD TYPE, COUNTRY OF CITIZENSHIP, MILITARY PERSONNEL CLASS, RACE, ETHNICITY, NATIVE BORN, BASD, PEBD, MILITARY PERSONNEL ACTION TYPE, MILITARY PERSONNEL ACTION REASON
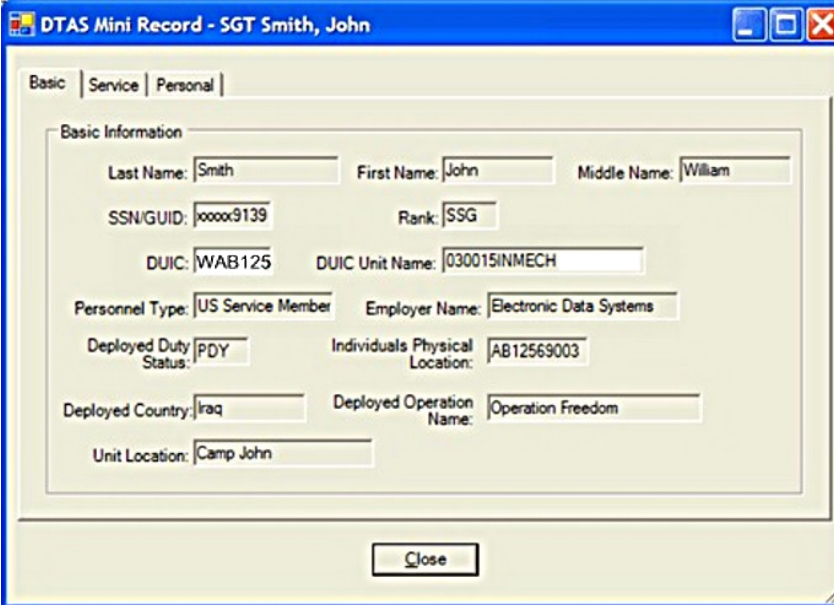
DATA ELEMENTS DERIVED FROM eMILPO/DMDC for JOINT & CIVILIAN

DEPLOYED THEATER, DEPLOYED UIC, TASK FORCE NAME, DUTY STATUS, CASUALTY CODE, DATE OF ARRIVAL TO THEATER, DATE OF DEPARTURE FROM THEATER, LOCATION (BY BASE CAMP OR AND 6 DIGIT GRID).

DERIVED FROM DTAS

- Reports at DTAS Enterprise: eg., HOR; Deployed by MACOM; Under 18: DoDI 6940 (report to DMDC that captures name, unit, location, daily)

- Query Tool

- History Table

MINI-RECORD SCREEN

DTAS CHALLENGES

- Field Buy-in. Concurrent system development by field organizations
- Funding of PDAs down to company level (future)
- SIPRNET access by all echelons of users
  - Access to SIPR drops down to Bn level; rarely below
  - Right Soldiers with the right security clearance
- Integration of other systems
  - DARTS (FORSCOM)
  - G6 initiative (World Wide Patient Tracking Roster)
  - PM Soldier: FBCB2 CDAs (fielding schedule not feasible)
  - MC4 PDAs

PHASED IMPLEMENTATION

- RELATIONAL DATABASE TO SUPPORT OIF/OEF
- DTAS-Enterprise DATABASE AVAILABLE AT DA/DOD (SIPR)
- COMMON SOFTWARE APPLICATION
- DISCONNECTED CAPABILITY

IOC Sep 04

- FIELDING TO KFOR/SFOR
- HIGH ASSURANCE GUARD (HAG) BETWEEN EMILPO AND DTAS-Enterprise (TWO-WAY)

Interim

- HAG ON DTAS-THEATER (TWO-WAY IN THEATER) FACILITATES UNCLASSIFIED MEDIUMS (PDA/LAPTOPS) TO COMMUNICATE WITH DTAS-THEATER

FOC Sep 05

DTAS TAKE AWAYS

- DTAS is a key step in "fixing Army personnel"; True transformation
- SIPRNET is significant challenge both from infrastructure and personnel cultural change perspectives
- Senior leader intent to define accountability for Soldiers with location
- Software is a technical solution; Commanders must prioritize by-name accountability and use DTAS exclusively
- Initial Operating Capability will be in OIF/OEF AOR by September 04